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AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claim 1 (Currently Amended): A laser processing method for irradiating an object to be processed with a first laser beam while converging the first laser beam with a lens such that a converging point is positioned within the object, and so as to form forming a modified region within the object along a line to eutcutting line in the object; the method comprising:

a displacement acquiring step of acquiring a displacement between a point on the line-to-eutcutting line and one end of the line-to-eutcutting line while irradiating the object with a second laser beam for measuring a displacement of a main surface of the object and detecting reflected light reflected by the main surface in response to the irradiation;

a position setting step of setting an initial position for holding the lens with respect to the main surface of the object according to the acquired displacement; and

a processing step of forming the modified region in one end part of the line-to eutcutting line upon irradiation with the first laser beam while holding the lens at the initial position, releasing the lens from being-held-at-the initial position after forming the modified region in the one end part of the cutting line, and then forming the modified region in a part of the cutting line other than the one end part of the cutting line while adjusting the position of the lens.

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Claim 2 (Original): A laser processing method according to claim 1, wherein the

second laser beam is emitted without emitting the first laser beam in the displacement

acquiring step.

Claim 3 (Original): A laser processing method according to claim 1, wherein the

first and second laser beams are converged by the lens so as to irradiate the object on the

same axis.

Claim 4 (Currently Amended): A laser processing method according to claim 1,

wherein the displacement is acquired from a point on the line to eutcutting line toward

one end of the line to cutcutting line in the displacement acquiring step.

Claim 5 (Original): A laser processing method according to claim 1, wherein the

quantity of reflected light of the second laser beam is also acquired in the displacement

acquiring step; and

wherein the initial position is set according to the displacement at a location

where the acquired quantity of light becomes a predetermined threshold in the position

setting step.

Claim 6 (Cancelled).

Claim 7 (Currently Amended): A laser processing method according to claim 1,

wherein, in the processing step, the second laser beam is emitted to the main surface of

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the object to be processed, and the lens is released from being held at the initial position

according to the quantity of reflected light reflected by the main surface in response to

the emission.

Claim 8 (Currently Amended): A laser processing method according to claim 7,

wherein, in the processing step, the lens is released from being held at the initial position

after an amount of change in the quantity of reflected light becomes a maximum value.

Claim 9 (Currently Amended): A laser processing method according to claim 7,

wherein, in the processing step, the lens is released from being held at the initial position

after the quantity of reflected light becomes a predetermined threshold.

Claim 10 (Currently Amended): A laser processing apparatus for irradiating an

object to be processed with a first laser beam while converging the first laser beam with a

lens such that a converging point is positioned within the object, and forming so as to

form a modified region within the object along a line to cutcutting line in the object; the

apparatus comprising:

a lens for converging the first laser beam and a second laser beam for measuring a

displacement of a main surface of the object onto the object;

displacement acquiring means for acquiring the displacement of the main surface

by detecting reflected light reflected by the main surface in response to irradiation with

the second laser beam:

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moving means for moving the object and the lens relative to each other along the main surface:

holding means for holding the lens such that the lens freely advances and retracts with respect to the main surface; and

control means for controlling respective behaviors of the moving means and holding means; wherein,

while emitting the second laser beam, the control means controls the moving means so as to move the object and the lens relative to each other along the line to eutcutting line, the displacement acquiring means acquiring the displacement between a point of the line to eutcutting line and one end of the line to eutcutting line, the control means controlling the holding means so as to hold the lens at an initial position set according to the acquired displacement; wherein,

while emitting the first laser beam with the lens being held-at the initial position, the control means controls the moving means so as to move the object and the lens relative to each other along the line-to-eutcutting line, thereby forming the modified region in one end part of the line-to-eutcutting line; and wherein,

after forming the modified region in the one end part, the control means controls the holding means so as to release the lens from being held at the initial position and hold the lens while adjusting a position of the lens, and controls the moving means so as to move the object and the lens relative to each other along the line to eutcutting line to form the modified region in a part of the cutting line other than the one end part of the cutting line.

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Claim 11 (Currently Amended): A laser processing apparatus according to claim 10, wherein the second laser beam is emitted without emitting the first laser beam when the control means controls the moving means so as to move the object and the lens relative to each other along the line-to-out<u>cutting line</u> while the displacement acquiring means acquires the displacement between a point of the line-to-out<u>cutting line</u> and one end of the line-to-outcutting line.

Claim 12 (Original): A laser processing apparatus according to claim 10, wherein the lens converges the first and second laser beams onto the object on the same axis.

Claim 13 (Currently Amended): A laser processing apparatus according to claim 10, wherein the control means controls the moving means so as to irradiate the line to eutcutting line from a point thereof toward one end thereof with the second laser beam; and

wherein the displacement acquiring means acquires the displacement from the point on the line-to-eutcutting line toward the one end of the line-to-eutcutting line in response to the irradiation with the second laser beam.

Claim 14 (Currently Amended): A laser processing apparatus according to claim 10, wherein the displacement acquiring means also acquires the quantity of reflected light of the second laser beam; and

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wherein the control means sets the initial position according to the displacement at a location where an amount of <u>an absolute</u> change in the acquired quantity of light becomes an extremea peak value.

Claim 15 (Original): A laser processing apparatus according to claim 10, wherein the displacement acquiring means also acquires the quantity of reflected light of the second laser beam; and wherein the control means sets the initial position according to the displacement at a location where the acquired quantity of light becomes a predetermined threshold.

Claim 16 (Currently Amended): A laser processed, apparatus according to claim 10, wherein the control means controls the holding means so as to release the lens from being held at the initial position according to the quantity of reflected light of the second laser beam.

Claim 17 (Currently Amended): A laser processing apparatus according to claim 16, wherein the control means controls the holding means so as to release the lens from being held at the initial position after an amount of change in the quantity of reflected light becomes a maximum value.

Claim 18 (Currently Amended): A laser processing apparatus according to claim 16, wherein the control means controls the holding means so as to release the lens from

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being held at the initial position after the quantity of reflected light becomes a predetermined threshold.